

Summary	Adjusting the belt tension carriage for Spiral LH-S.				
Products Affected	Spiral LH (Low Head Room) S-Size (14") side columns.				
Key Word Tags	SD, LH, Belt, Adjustment				
Tools/Equipment (If Required)	Sockets, Torx, Ladder or Lift				
Parts/Materials (If Required)					
Related Media					
Author	Randy Meyer, RevA M. Burzlaff	Issue Date	2/14/2011	Status	Active

Please Read The Entire Bulletin Before Proceeding

WARNING

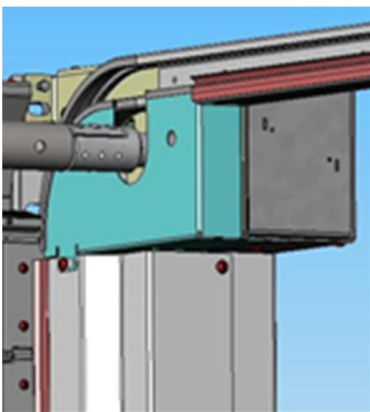
The disconnect must be in the OFF position and properly locked and tagged before performing this procedure.

CAUTION

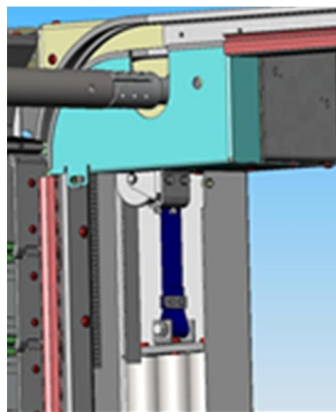
Caution: The belt travels around pulleys in the door be careful not to place your hand between the belt and pulley's at any time.

In each side column there's a black secondary drive belt that is attached to the bottom panel of the door and carries the door panels during opening and closing. Tension of the secondary drive belt is important. If the belt becomes too loose the belt may slip and the will not properly roll up. This bulletin will guide you through proper adjustment to the tension carriage located at the top of each side column.

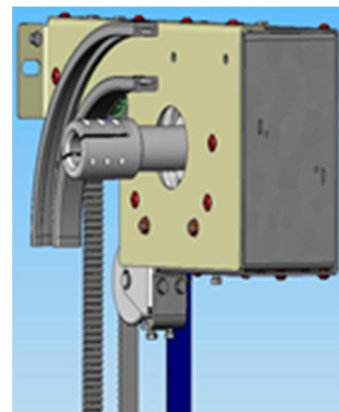
At the top of the side column the black belt makes a 90 degree turn away from the wall the door is mounted. When the belt makes this turn a white plastic roller helps to guide the black belt. The white plastic roller acts as a guide and tension adjustment for the black belt. The white plastic roller is mounted in a metal carriage that can be adjusted either closer to the back of the side column or further away. The diagrams below will help guide you through the process.



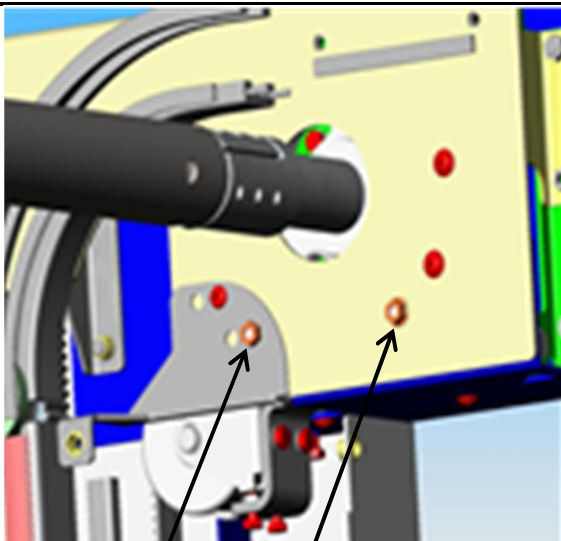
Non-Drive Side



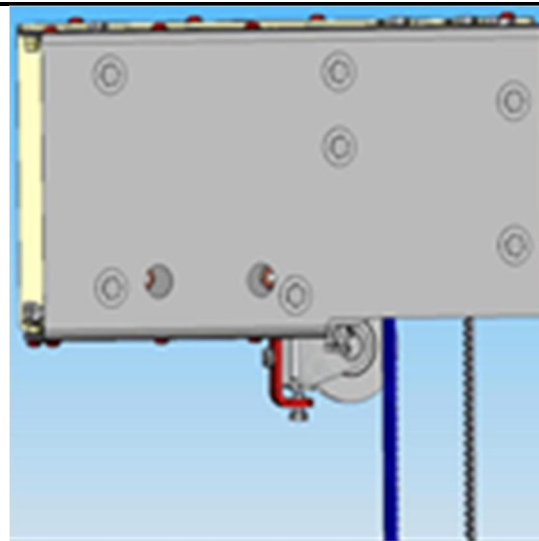
Remove the Side Column Cover



Remove Inside Console Cover

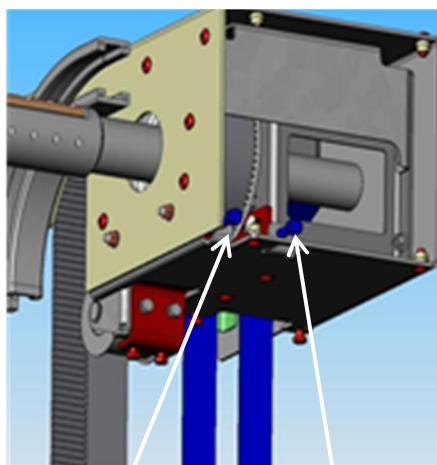


Loosen These Two Nuts

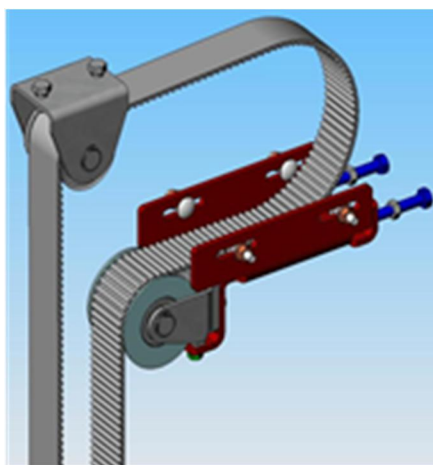


There Are Two Access Holes on the Outside Of The Console.

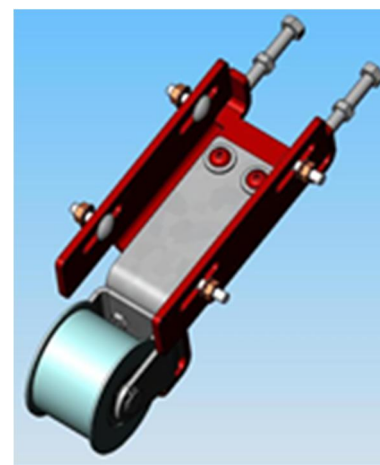
Use an Extension and Socket Wrench to loosen the nuts for the Carriage.



Turn Adjustment Bolts to Move the Carriage Towards or Away From the Wall



The Carriage and Belt Assembly



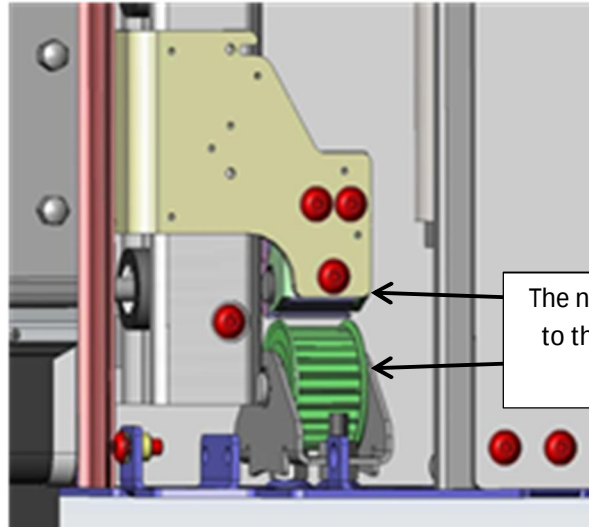
Carriage Assembly

Turning the bolt clockwise pushes the carriage closer to the wall; increasing the tension on the black belt. The tension should be tight enough to prevent slipping of the belt during operation.

Reminder: After making your adjustments remember to tighten the torx screws and nuts for the carriage before operation.

NOTE: When the door is in the closed position count the number of teeth on the belt from the bottom of the bracket attached to the belt to the sprocket in the bottom of the side column. The number of teeth should be equal from side to side. If the amount is not equal you will have to release the tension with the roller at the top of the side column and adjust the belt so the teeth are equal and the bottom bar is level. Warning: The belt is under tension holding the door panels in position. Be very careful

when making adjustment to the toothed belt. Never place your hand between the belt and the pulley.



NOTE: The limits may need to be adjusted or reset after making this adjustment. See the System 3 Drive & Control manual for this procedure. To reset limits parameter P:210 must be set to 5. Small adjustments to the open and closed can be performed through parameters P:221 close & P:231 open.

Please contact Rytec Customer Support at 1-800-628-1909 with any questions.